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What is claimed is:

1. A method of driving a surface discharge plasma display panel having a first substrate and a second substrate space apart and facing each other, and common electrodes, scan electrodes, and address electrodes arranged between
5 said first and second substrates, said common electrodes being arranged in parallel with said scan electrodes, said address electrodes being arranged orthogonal to said common electrodes and said scan electrodes to form respective intersections which each define a corresponding pixel, comprising:

10 a resetting step of applying a first voltage between the scan electrodes and the address electrodes to accumulate wall charges in the respective pixel by a facing discharge, and removing the wall-charges accumulated by the facing discharge;

20 a addressing step of applying a second voltage between a corresponding scan electrodes and selected address electrodes so that a facing discharge occurs, to form wall-charges in the selected pixels; and

25 a sustained discharging step of applying a third alternating-current voltage between the scan electrodes and the common electrodes so that a surface discharge occurs in the selected pixels.

2. The driving method of claim 1, wherein the resetting step includes:

30 a first resetting step of applying a fourth voltage between the scan electrodes and the common electrodes, and thereby remove remnant wall-charges from a previous sub-field, said fourth voltage has an opposite polarity to a voltage applied last in the sustained discharging step;

35 a second resetting step of applying said first voltage between the scan electrodes and the address electrodes, and thereby cause the facing discharge in the respective pixel selected from a previous sub-field;

40 a third resetting step of applying a fifth voltage between the scan electrodes and the address electrodes, and thereby remove wall-charges accumulated by the facing discharge, said fifth voltage has an opposite polarity to said first voltage and lower than said first voltage.

3. The driving method of claim 2, wherein said third resetting step is shorter than the first and second resetting steps.

5 4. The driving method of claim 4, wherein said third resetting step is repeated.

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